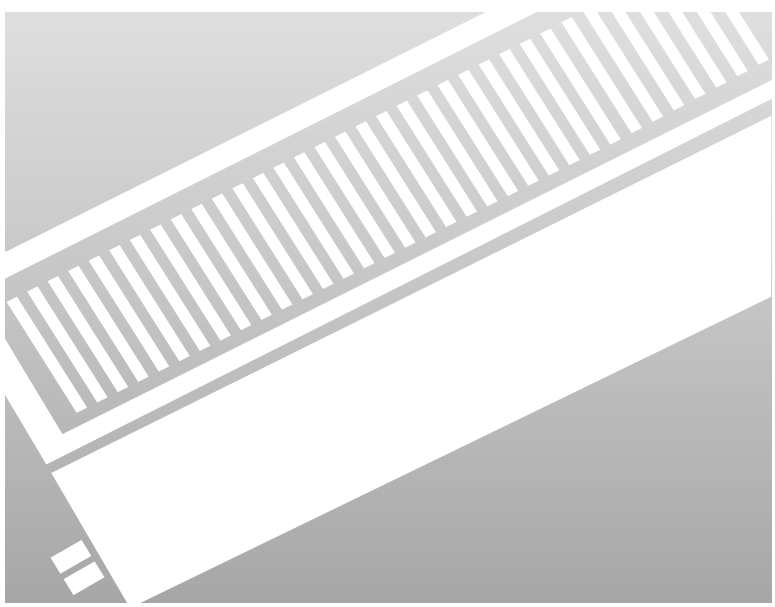
SAMSUNG

OWNER'S INSTRUCTIONS
MANUAL DE INSTRUCCIONES
ISTRUZIONI PER L'USO
MANUAL DE INSTRUÇÕES
MANUEL D'UTILISATION
GEBRAUCHSANWEISUNG
ΟΔΗΓΙΕΣ
ИНСТРУКЦИЯ ДЛЯ ПОЛЬЗОВАТЕЛЯ

Type	Indoor unit	Outdoor unit
ADH1800E	IDH1800E	UBH1800E
ADH2400E	IDH2400E	UBH2400E
ADH3200E	IDH3200E	UDH3200E
ADH4400G	IDH4400G	UDH4400G
DH18ZA1(A2)	DH18ZA1(A2)	DH18ZAX
DH24ZA1(A2)	DH24ZA1(A2)	DH24ZAX
DH32ZA1(A2)	DH32ZA1(A2)	DH32ZAX
DH44ZA1(A2)	DH44ZA1(A2)	DH44ZAX

Duct-type Air Conditioner (Cool and Heat)
Aire acondicionador Tipo Canal (Refrigeración y Calefacción)
Condizionatore d'aria Tipo Conduttura (Raffreddamento e Riscaldamento)
Ar Condicionado Tipo Conduto (Refrigeração e Aquecimento)
Climatiseur de type Conduit (Refroidissement et Chauffage)
Ventiltype Klimaanlage (Kühlen und Wärmen)
Κλιματιστικό Τύπου Αεραγωγού (Ψύξη και Θέρμανση)
Кондиционер канального типа (Охлаждение и обогрев)



ⒺⓈⒾⓅⒻⒹⒼⓇ DB98-04152A(1)

Before Starting

The wired remote controller, wireless remote controller and Centralized controller of the air conditioner are optional accessories. And your Owner's Instructions is for all of them. So that before using this instruction, ensure your option(s).

Safety Precautions

The following safety precautions must be taken when using your air conditioner.

1 *Do Not insert anything between the air flow blades, as the inner fan may be damaged and you may be hurt.*

2 *Do Not place any obstacles in front of the outdoor unit.*

3 *Do Not spray liquid of any kind into the indoor unit. Should this happen, switch off the breaker used for your air conditioner and contact your installation specialist.*

4 *If the wireless remote controller will not be used for a long time, remove the batteries.*

5 *Users of this product are cautioned not to attempt repair of this product at their own discretion. Instead, they are requested to directly contact a designated service center or the outlet at which the product was purchased.*

6 *If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.*

7 *When using wireless remote controller, the distance should not be more than 7 meters from the air conditioner.*

8 *Make sure the air conditioner has been installed properly. The manufacturer do NOT have responsibility for any accident caused by incorrect installation.*

9 *Before throwing out the device, it is necessary to pull back the battery cells and get rid of them safely.*

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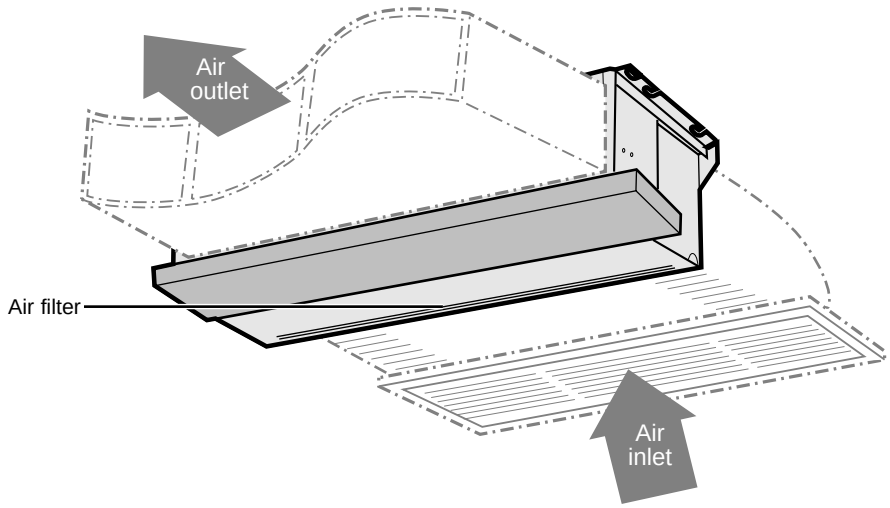
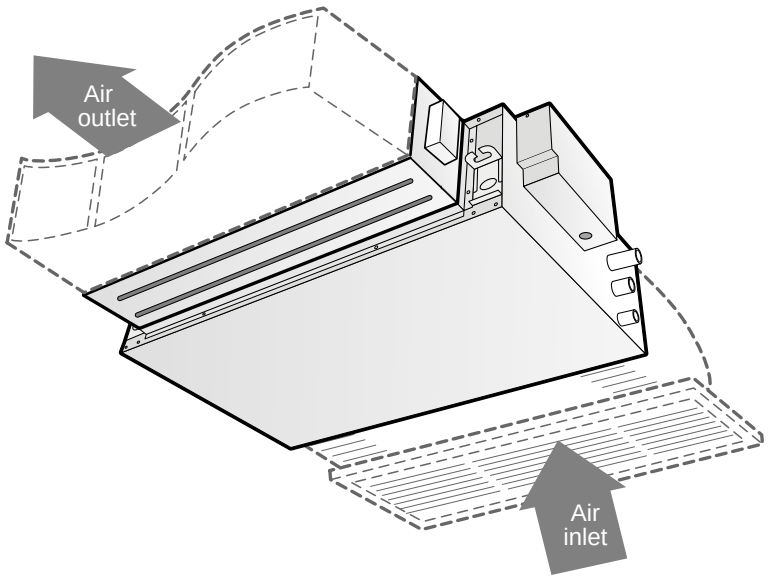
View of the Unit

The figures are shown in this instruction may differ from yours depending on the model.

Indoor Unit IDH1800E/IDH2400E/IDH3200E
DH18ZA1(A2)/DH24ZA1(A2)/DH32ZA1(A2)

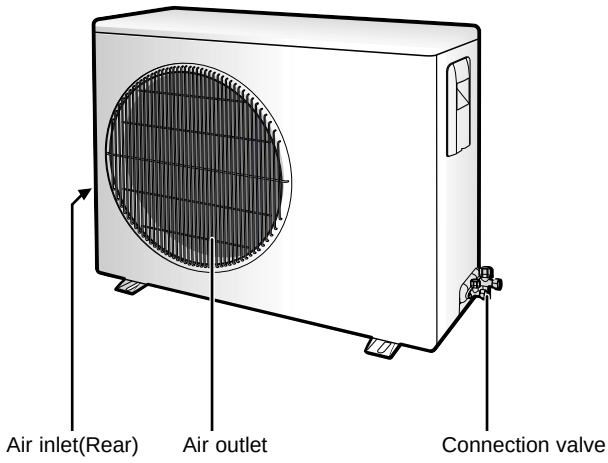


Indoor Unit IDH4400G/DH44ZA1(A2)



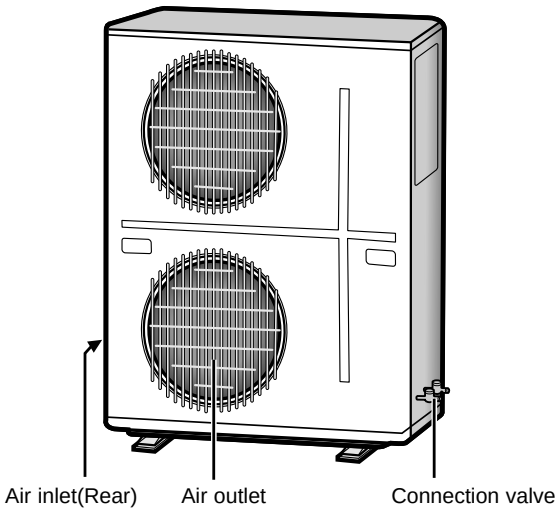
Outdoor Unit

UBH1800E/UBH2400E/UDH3200E
DH18ZAX/DH24ZAX/DH32ZAX



Outdoor Unit

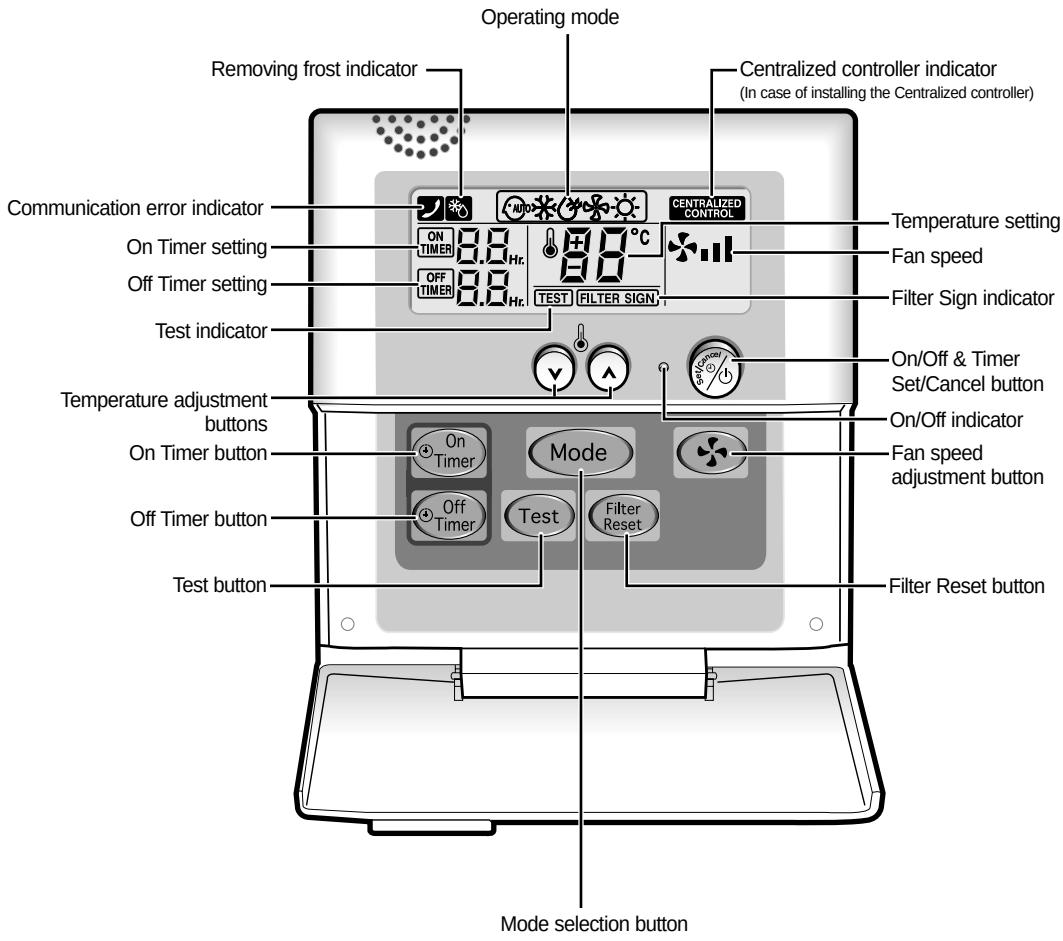
UDH4400G/DH44ZAX



Wired Remote Controller-Buttons and Display

The wired remote controller is an optional accessory.

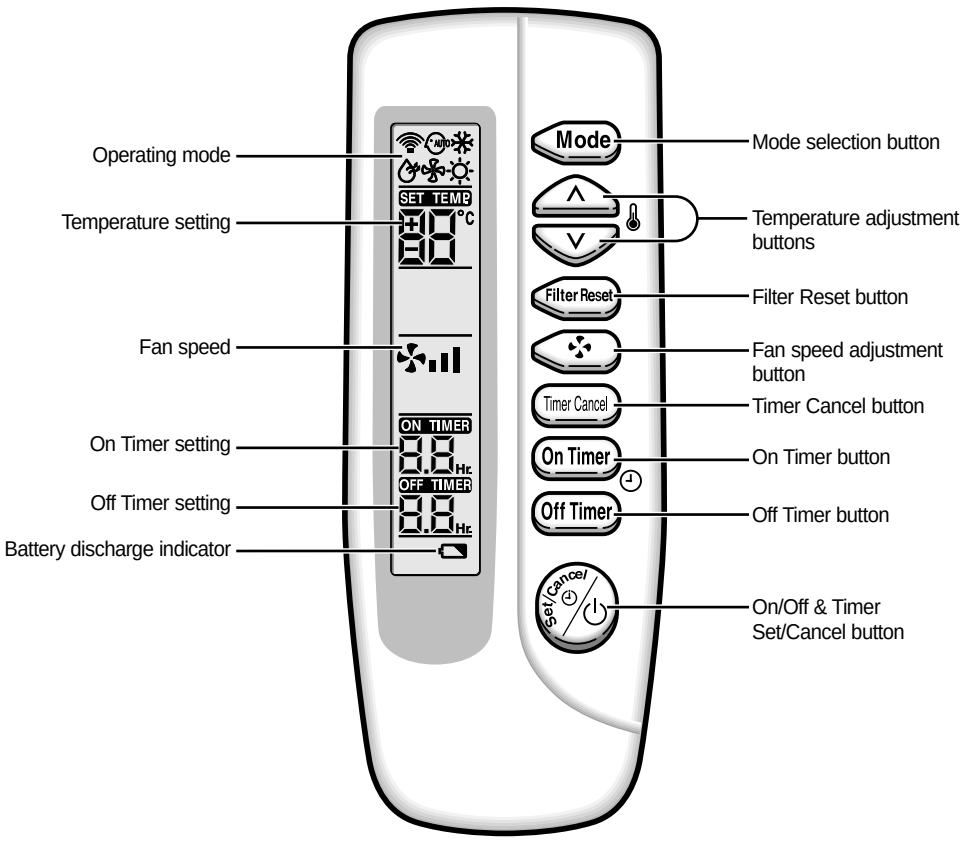
The wired remote controller is installed on the wall.



Note - Test button is for your installation specialist. You must NOT press it.
- After cleaning the air filter, press the filter reset button, if the filter has been installed. Then the wired remote controller will display the FILTER SIGN indicator when the time to clean the air filter; refer to page 30 or 31.

Wireless Remote Controller-Buttons and Display

The wireless remote controller is an optional accessory.

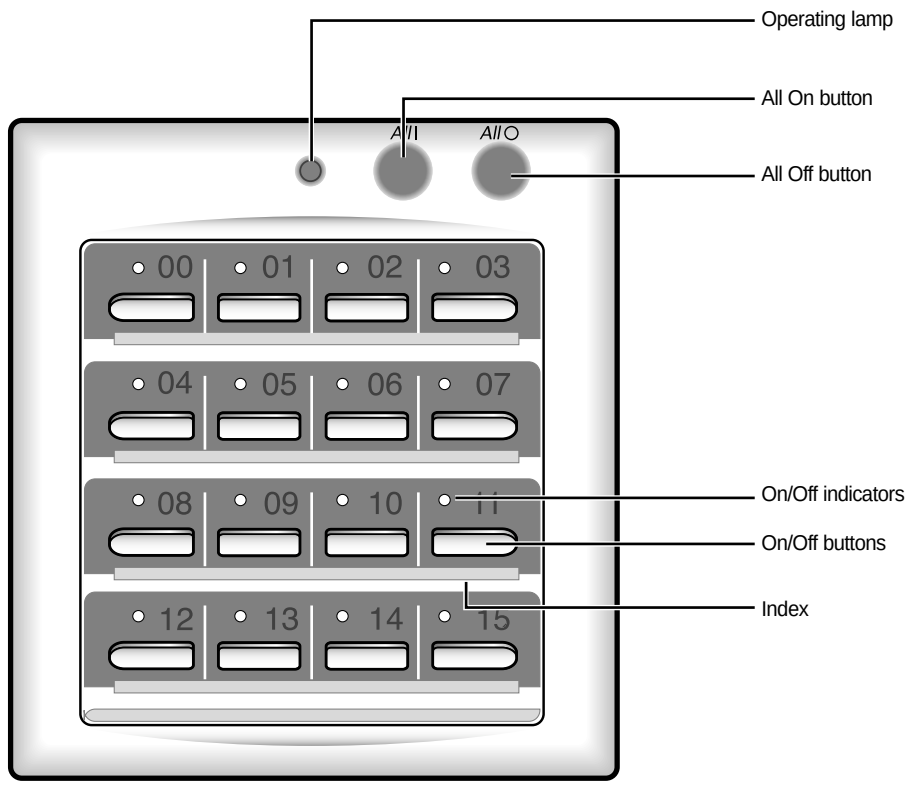


Note After cleaning the air filter, press the filter reset button, if the filter has been installed.

Centralized Controller

The centralized controller is an optional accessory.

The centralized controller is installed on the wall.

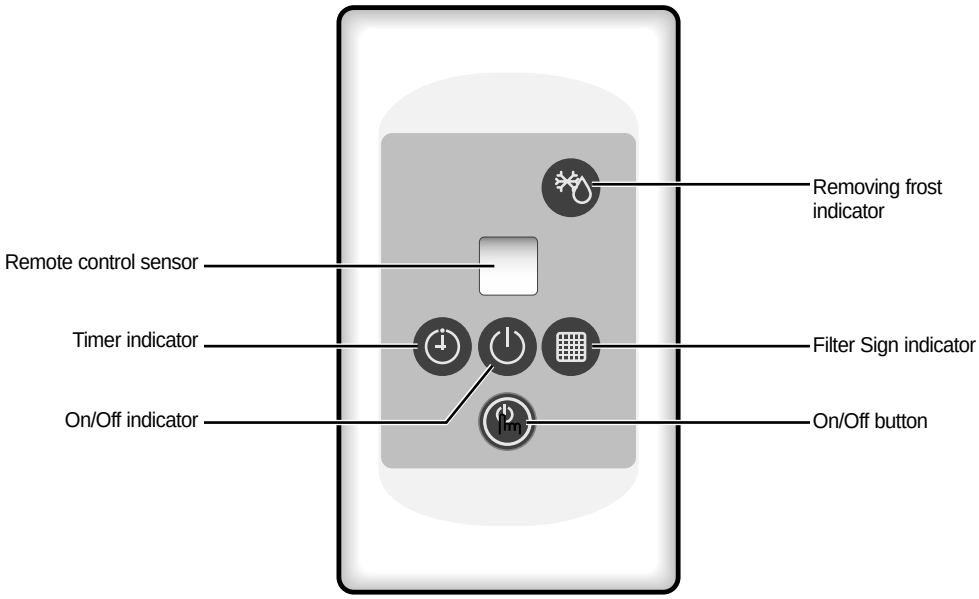


Note Operating lamp comes on when at least one air conditioner connected to the centralized controller is operating.

The Indicators on the Receiver & Display Unit

The receiver & display unit is an optional accessory for the wireless remote controller.

The receiver & display unit is installed on the wall.



Getting Start

You have just purchased a duct type air conditioner and it has been installed by your installation specialist.

Your Owner's Instructions contain much valuable information on using your air conditioner. Please take the time to read them as they will help you take full advantage of the unit's features.

The booklet is organized as follows.

- ***The following figures are shown on pages from 4 to 9 :***
  - ***Indoor and outdoor units***
  - ***Wired remote controller (buttons and display)***
  - ***Wireless remote controller (buttons and display)***
  - ***Centralized controller***
  - ***The indicators on the receiver & display unit***

- ***In the main part of the document, you will find a series of step-by-step procedures for each function available.***

The illustrations in the step-by-step procedures use three different symbols:

PRESS	**PUSH**	**HOLD DOWN**

Inserting the Wireless Remote Controller Batteries

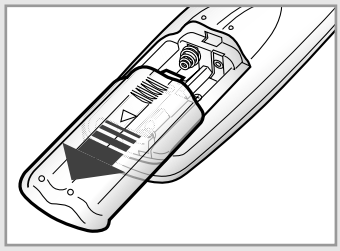
You must insert or replace the remote controller batteries when :

- ***You purchase the air conditioner***
- ***The remote controller does not work correctly***

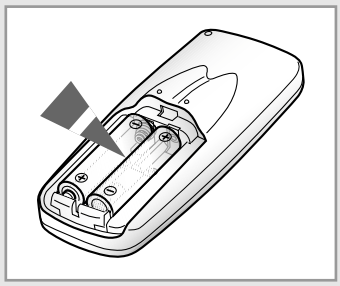
Note

- Use two AAA, LR03 1.5V batteries.
- Do not use old batteries or different kinds of batteries together.
- Batteries may be completely discharged after 12 months, even if they have not actually been used.

1 Push the battery cover on the rear of the remote controller with your thumb in the direction of the arrow and remove it.

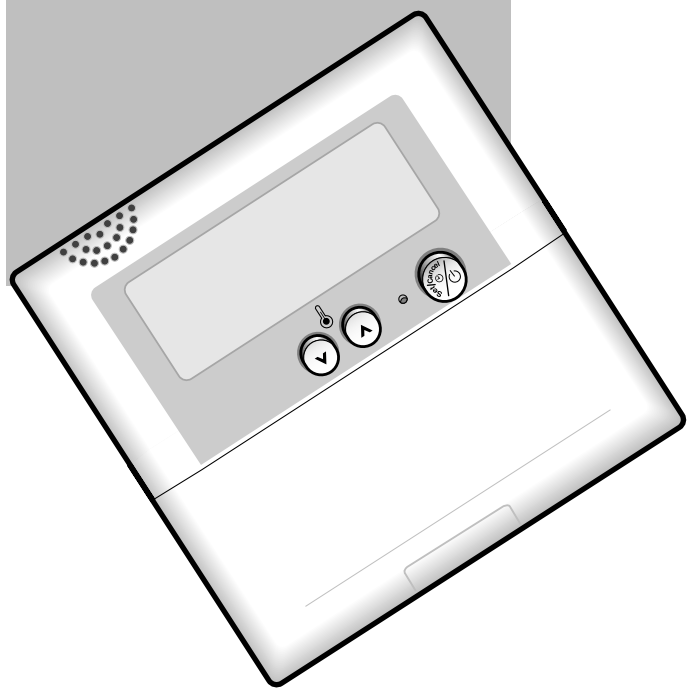


2 Insert the two batteries, taking care to respect the polarities :
- + on the battery with + on the remote controller.
- - on the battery with - on the remote controller.



3 Close the cover by sliding it back until it clicks into place.

Using Wired Remote Controller



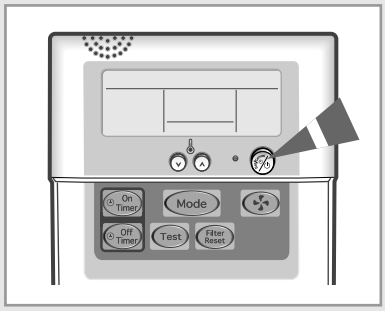
This chapter indicates how to operate and program your air conditioner with the wired remote controller. The wired remote controller is an optional accessory.

Selecting the Automatic Operating Mode

In the Automatic mode, the room temperature and the fan speed are controlled automatically.

1 If necessary, press (ON/OFF) button.

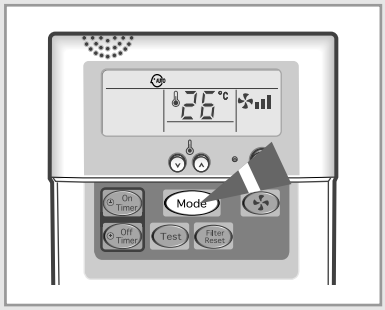
Result: ◆ The On/Off indicator on the wired remote controller comes on.
◆ The air conditioner runs in the mode selected when the unit was last used.



IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
◆ Plugged in
◆ Stopped
It will start up normally after three minutes.

2 To select the AUTO mode, press the Mode button until AUTO is displayed at the top of the wired remote controller.

Result: ◆ The air conditioner runs in AUTO mode.



Note You can change modes at any time.

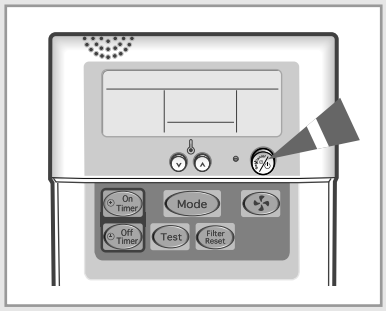
3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

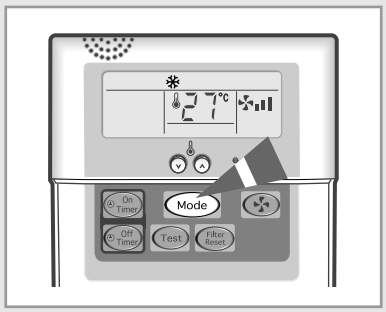
Result: ◆ Each time you press Temperature buttons:
- The temperature is adjusted by 1°C.

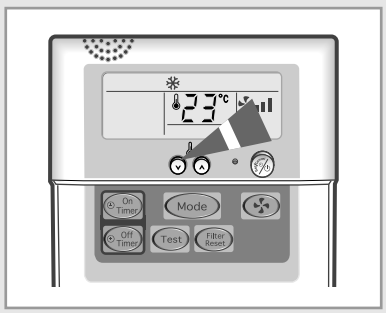
◆ The air conditioner takes the present temperature of the room every 30 minutes.
- If the temperature is higher than the selected temperature +α, the air conditioner will start cooling.
- If the temperature is lower than the selected temperature -α, the air conditioner will start heating.

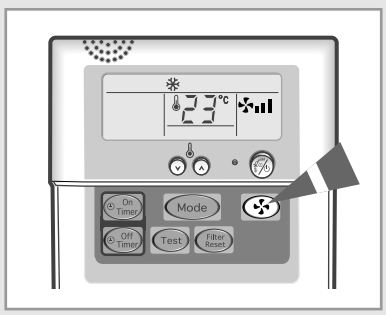
Note The α is a preset temperature for the most comfortable environment. It can be adjusted by your installation specialist when installing the product.

Cooling Your Room









You must select the COOL mode if you wish to adjust the :

- ***Cooling temperature***
- ***Fan speed when cooling***

---

1 If necessary, press (ON/OFF) button.

Result: ◆ The On/Off indicator on the wired remote controller comes on.

◆ The air conditioner runs in the mode selected when the unit was last used.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:

◆ Plugged in

◆ Stopped

It will start up normally after three minutes.

---

2 To select the COOL mode, press the Mode button until is displayed at the top of the wired remote controller.

Result: ◆ The air conditioner runs in COOL mode.

Note You can change modes at any time.

---

3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

Result: ◆ Each time you press Temperature buttons:
- The temperature is adjusted by 1°C.

◆ The air conditioner starts cooling, provided that the room temperature is higher than the selected temperature ; the fan will, however, operate.

---

4 Select the fan speed by pressing the Fan button one or more times until the intended value is displayed :

- Automatic(rotated : → →)
- Low
- Medium
- High

Heating Your Room

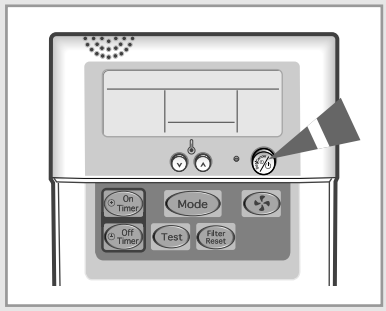
You must select the HEAT mode if you wish to adjust the :

- ***Heating temperature***
- ***Fan speed when heating***

1 If necessary, press (ON/OFF) button.

Result: ◆ The On/Off indicator on the wired remote controller comes on.

◆ The air conditioner runs in the mode selected when the unit was last used.



IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:

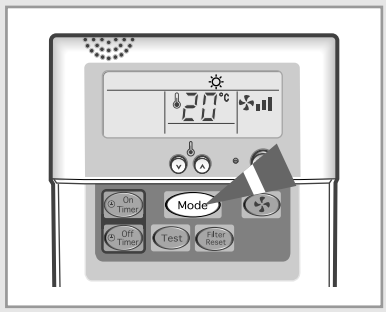
◆ Plugged in

◆ Stopped

It will start up normally after three minutes.

2 To select the HEAT mode, press the Mode button until is displayed at the top of the wired remote controller.

Result: ◆ The air conditioner runs in HEAT mode.

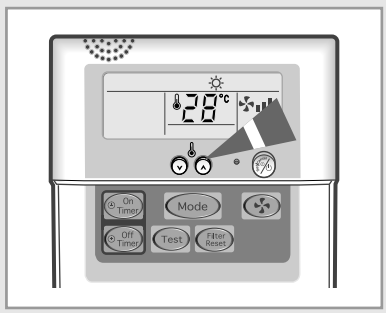


Note You can change modes at any time.

3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 16°C and 30°C inclusive.

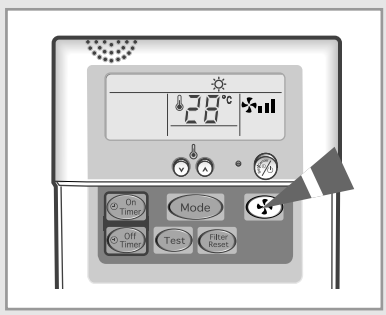
Result: ◆ Each time you press Temperature buttons:
- The temperature is adjusted by 1°C.

◆ The air conditioner starts heating, provided that the room temperature is lower than the selected temperature ; the fan will, however, operate.

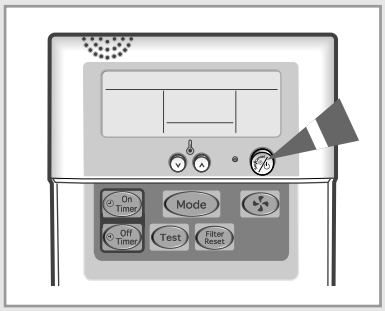


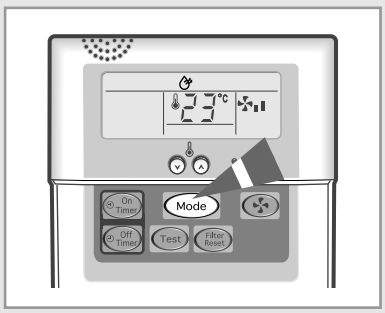
4 Select the fan speed by pressing the Fan button one or more times until the intended value is displayed :

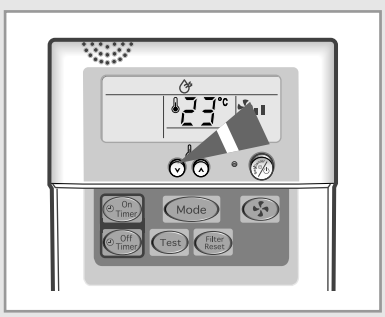
- Automatic(rotated : → →)
- Low
- Medium
- High



Removing Excess Humidity







If the atmosphere in your room is very humid or damp, you can remove excess humidity without lowering the room temperature too much.

1 If necessary, press (ON/OFF) button.

Result: ◆ The On/Off indicator on the wired remote controller comes on.
◆ The air conditioner runs in the mode selected when the unit was last used.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
◆ Plugged in
◆ Stopped
It will start up normally after three minutes.

2 To select the DRY mode, press the Mode button until is displayed at the top of the wired remote controller.

Result: ◆ The air conditioner runs in DRY mode.

Note You can change modes at any time.

3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

Result: ◆ Each time you press Temperature buttons:
- The temperature is adjusted by 1°C.
◆ The air conditioner starts removing the excess humidity. The quantity of air is adjusted automatically.

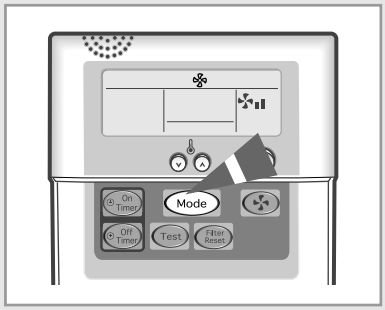
Note In the dry mode, the fan speed is controlled automatically.

Airing Your Room

If the atmosphere in your room is stale, you can air it using the FAN feature.

1 If necessary, press (ON/OFF) button.

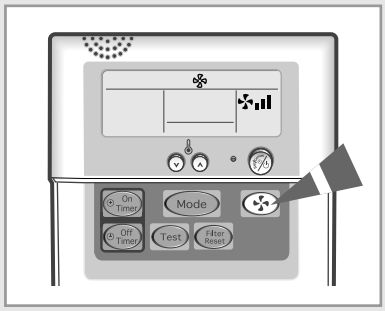
Result: ◆ The On/Off indicator on the wired remote controller comes on.
◆ The air conditioner runs in the mode selected when the unit was last used.



2 To select the FAN mode, press the Mode button until is displayed at the top of the wired remote controller.

Result: ◆ The air conditioner runs in FAN mode.

Note You can change modes at any time.

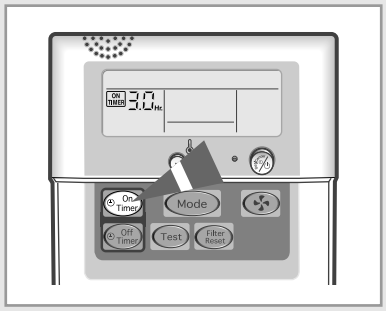


3 Select the fan speed by pressing the Fan button one or more times until the intended value is displayed:

- Low
- Medium
- High

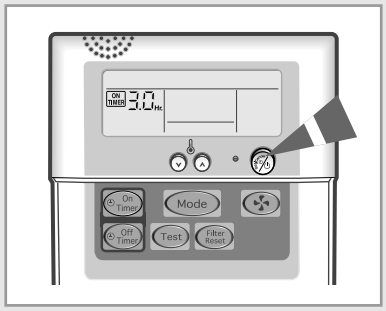
Setting the On Timer

The On Timer enables you to switch on the air conditioner automatically after a given period of time. You can set the period of time from 30 minutes to 24 hours.



1 To set the operating time, press the On Timer button one or more times until the required time is displayed. Possible time is between 0.5 hour and 24 hours inclusive.

Result: ◆ Each time you press On Timer button:
- The time is adjusted by 0.5 hour to 5 hours, by 1 hour from 6 hours to 24 hours.

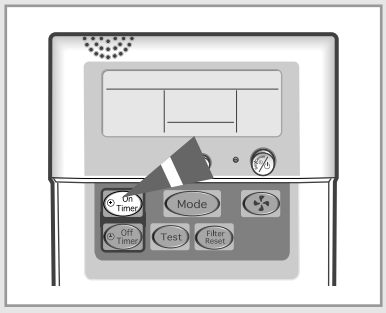


2 Press the (Set/Cancel) button to complete the setting.

Result: ◆ The remaining time is displayed.
◆ Blinking of the timer indicator stops.
◆ The selected mode and the temperature disappear on the display after 5 seconds.
◆ The air conditioner will switch on automatically when the counter displayed on the remote controller reaches the setting time as disappearing the On timer setting.

Note You can see or change the setting mode and/or the temperature by pressing the Mode button or the Temperature buttons after setting the On timer.

To Cancel the On Timer



1 To cancel the On Timer, press the On Timer button one or more times until the On timer setting disappears.

2 Press the (Set/Cancel) button.

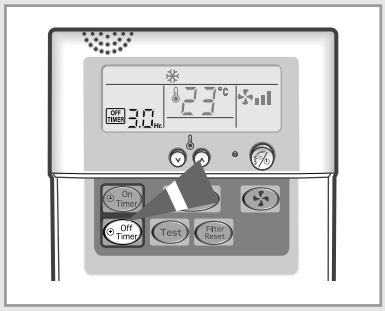
Note If you want to turn on the air conditioner before the timer reaches the setting time, press the (ON/OFF) button.

Setting the Off Timer

The Off Timer enables you to switch off the air conditioner automatically after a given period of time. You can set the period of time from 30 minutes to 24 hours.

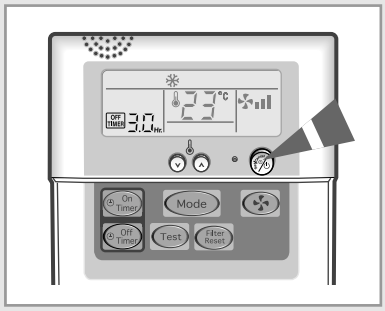
1 To set the operating time, press the Off Timer button one or more times until the required time is displayed. Possible time is between 0.5 hour and 24 hour inclusive.

Result: ◆ Each time you press Off Timer button:
- The time is adjusted by 0.5 hour to 5 hours, by 1 hour from 6 hours to 24 hours.



2 Press the (Set/Cancel) button to complete the setting.

Result:
- ◆ The remaining time is displayed.
- ◆ Blinking of the timer indicator stops.
- ◆ The selected mode and the temperature disappear on the display after 5 seconds.
- ◆ The air conditioner will switch off automatically when the counter displayed on the remote controller reaches the setting time as disappearing the Off timer setting.

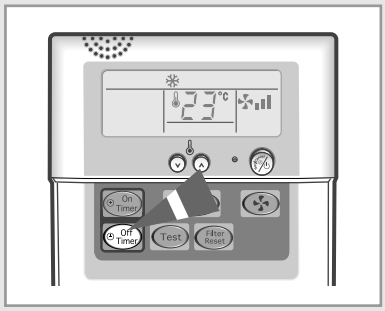


Example **If you would like to turn the air conditioner on after 2 hours and to operate it for 2 hours:**
1. Press the On Timer button until '2.0 Hr' is displayed.
2. Press the (Set/Cancel) button.
3. Press the Off Timer button until '4.0 Hr' is displayed.
4. Press the (Set/Cancel) button.

Note You can see or change the setting mode and/or the temperature by pressing the Mode button or the Temperature buttons after setting the Off timer.

To Cancel the Off Timer

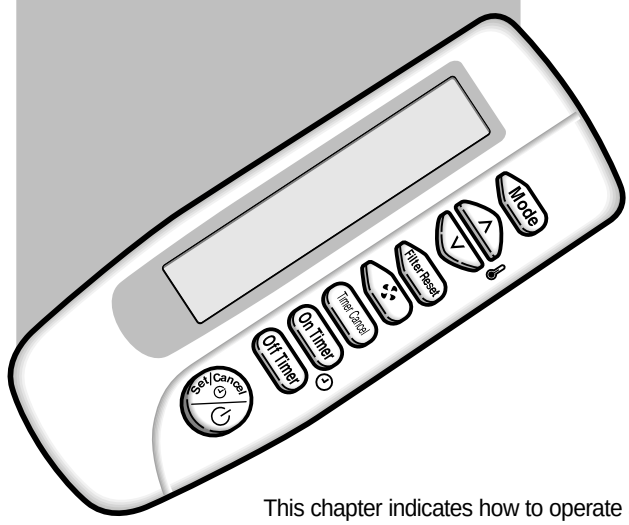
1 To cancel the Off Timer, press the Off Timer button one or more times until the timer setting disappears.



2 Press the (Set/Cancel) button.

Note If you want to turn off the air conditioner before the timer reaches the setting time, press the (ON/OFF) button.

Using Wireless Remote Controller

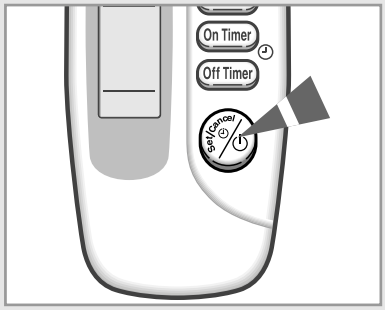


This chapter indicates how to operate and program your air conditioner with the wireless remote controller. The wireless remote controller is an optional accessory.

Selecting the Automatic Operation Mode

In the Automatic mode, the room temperature and the fan speed are controlled automatically.

1 If necessary, press (ON/OFF) button.

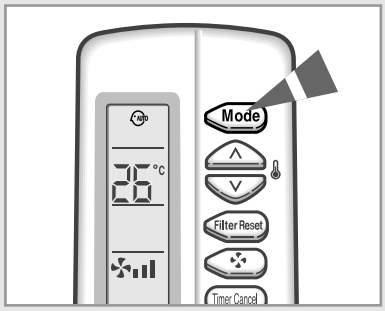


Result:
- ◆ The On/Off indicator on the receiver & display unit comes on.
- ◆ The air conditioner runs in the mode selected when the unit was last used.
- ◆ The receiver & display unit beeps.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- ◆ Plugged in
- ◆ Stopped

It will start up normally after three minutes.

2 To select the AUTO mode, press the Mode button until AUTO is displayed at the top of the wireless remote controller.



Result:
- ◆ The receiver & display unit beeps.
- ◆ The air conditioner runs in AUTO mode.

Note You can change modes at any time.

3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

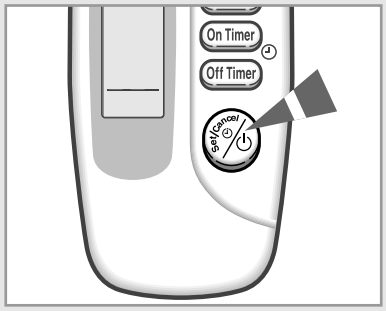
Result:
- ◆ Each time you press Temperature buttons:
  - The temperature is adjusted by 1°C.
- ◆ The air conditioner takes the present temperature of the room every 30 minutes.
  - If the temperature is higher than the selected temperature +α, the air conditioner will start cooling.
  - If the temperature is lower than the selected temperature -α, the air conditioner will start heating.

Note The α is a preset temperature for the most comfortable environment. It can be adjusted by your installation specialist when installing the product.

Cooling Your Room

You must select the COOL mode if you wish to adjust the :

- ***Cooling temperature***
- ***Fan speed when cooling***

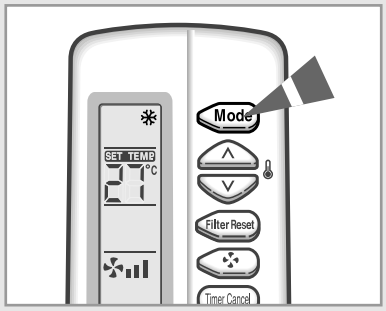


1 If necessary, press (ON/OFF) button.

Result:
- The On/Off indicator on the receiver & display unit comes on.
- The air conditioner runs in the mode selected when the unit was last used.
- The receiver & display unit beeps.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- Plugged in
- Stopped

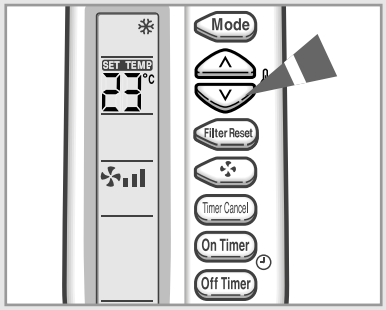
It will start up normally after three minutes.



2 To select the COOL mode, press the Mode button until ❄ is displayed at the top of the wireless remote controller.

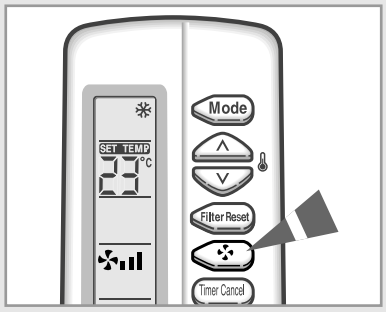
Result:
- The receiver & display unit beeps.
- The air conditioner runs in COOL mode.

Note You can change modes at any time.



3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

Result:
- Each time you press Temperature buttons:
  - The temperature is adjusted by 1°C.
  - The receiver & display unit beeps.
- The air conditioner starts cooling, provided that the room temperature is higher than the selected temperature ; the fan will, however, operate.



4 Select the fan speed by pressing the Fan button one or more times until the intended value is displayed :

- Automatic(rotated : → →)
- Low
- Medium
- High

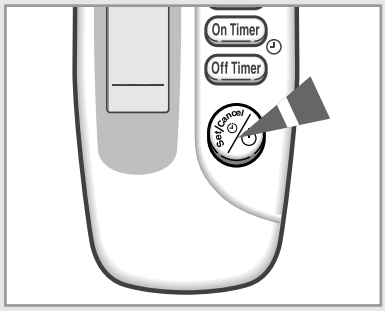
Heating Your Room

You must select the HEAT mode if you wish to adjust the :

- ***Heating temperature***
- ***Fan speed when heating***

1 If necessary, press (ON/OFF) button.

Result:
- The On/Off indicator on the receiver & display unit comes on.
- The air conditioner runs in the mode selected when the unit was last used.
- The receiver & display unit beeps.

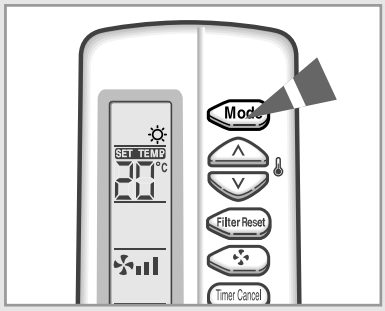


IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- Plugged in
- Stopped

It will start up normally after three minutes.

2 To select the HEAT mode, press the Mode button until is displayed at the top of the wireless remote controller.

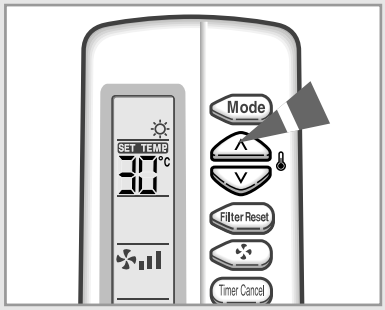
Result:
- The receiver & display unit beeps.
- The air conditioner runs in HEAT mode.



Note You can change modes at any time.

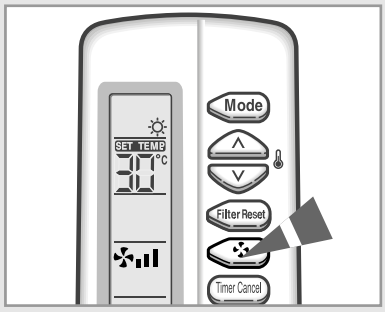
3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 16°C and 30°C inclusive.

Result:
- Each time you press Temperature buttons:
  - The temperature is adjusted by 1°C.
  - The receiver & display unit beeps.
- The air conditioner starts heating, provided that the room temperature is lower than the selected temperature ; the fan will, however, operate.



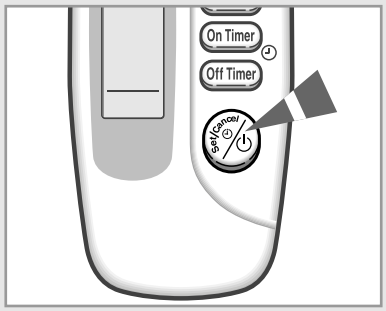
4 Select the fan speed by pressing the Fan button one or more times until the intended value is displayed :

- Automatic(rotated : → →)
- Low
- Medium
- High



Removing Excess Humidity

If the atmosphere in your room is very humid or damp, you can remove excess humidity without lowering the room temperature too much.

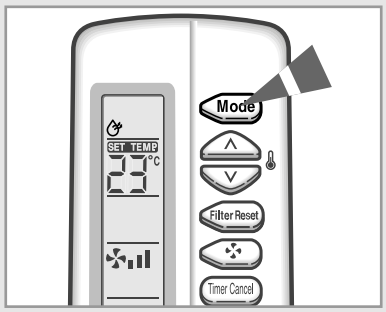


1 If necessary, press (ON/OFF) button.

Result:
- The On/Off indicator on the receiver & display unit comes on.
- The air conditioner runs in the mode selected when the unit was last used.
- The receiver & display unit beeps.

IMPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- Plugged in
- Stopped

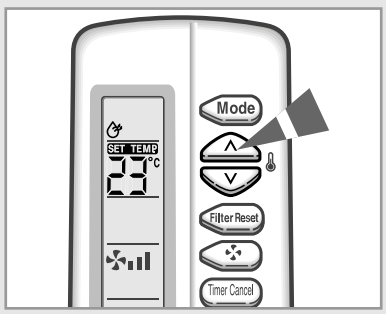
It will start up normally after three minutes.



2 To select the DRY mode, press the Mode button until is displayed at the top of the wireless remote controller.

Result:
- The receiver & display unit beeps.
- The air conditioner runs in DRY mode.

Note You can change modes at any time.



3 To adjust the temperature, press the Temperature buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

Result:
- Each time you press Temperature buttons:
  - The temperature is adjusted by 1°C.
  - The receiver & display unit beeps.
- The air conditioner starts removing the excess humidity. The quantity of air is adjusted automatically.

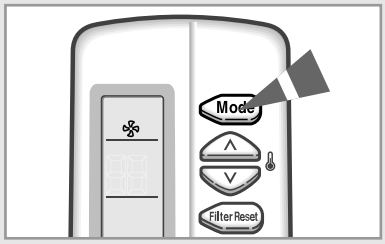
Note In the dry mode, the fan speed is controlled automatically.

Airing Your Room

If the atmosphere in your room is stale, you can air it using the FAN feature.

1 If necessary, press (ON/OFF) button.

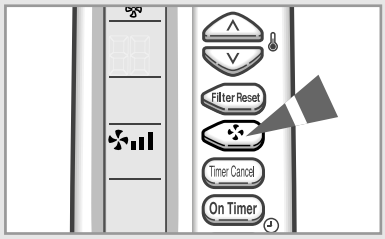
Result: ◆ The On/Off indicator on the receiver & display unit comes on.
◆ The air conditioner runs in the mode selected when the unit was last used.



2 To select the FAN mode, press the Mode button until is displayed at the top of the wireless remote controller.

Result: ◆ The air conditioner runs in FAN mode.

Note You can change modes at any time.

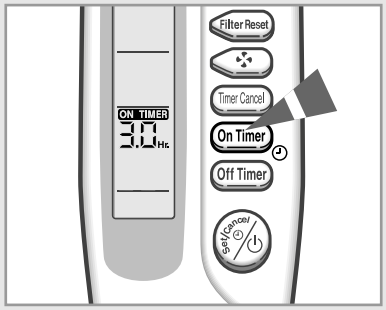


3 Select the fan speed by pressing the Fan button one or more times until the intended value is displayed:

- Low
- Medium
- High

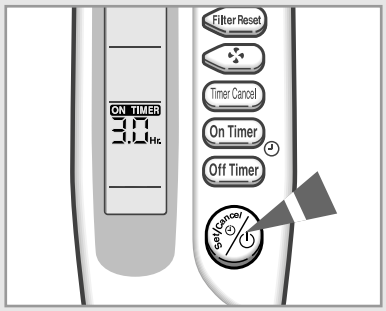
Setting the On Timer

The On Timer enables you to switch on the air conditioner automatically after a given period of time. You can set the period of time from 30 minutes to 24 hours.



1 To set the operating time, press the On Timer button one or more times until the required time is displayed. Possible time is between 0.5 hour and 24 hour inclusive.

Result: ◆ Each time you press On Timer button:
- The time is adjusted by 0.5 hour to 5 hours, by 1 hour from 6 hours to 24 hours.

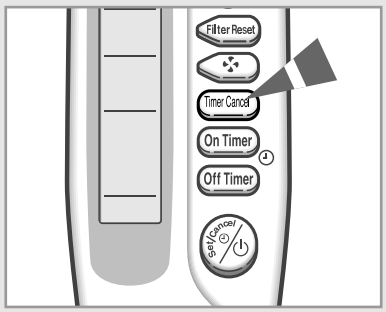


2 Press the (Set/Cancel) button to complete the setting.

Result:
- ◆ The remaining time is displayed.
- ◆ Blinking of the timer indicator stops.
- ◆ The selected mode and the temperature disappear on the display after 5 seconds.
- ◆ The air conditioner will switch on automatically when the counter displayed on the remote controller reaches the setting time as disappearing the On timer setting.

Note You can see or change the setting mode and/or the temperature by pressing the Mode button or the Temperature buttons after setting the On timer.

To Cancel the On Timer



1 To cancel the On Timer, press the Timer Cancel button.

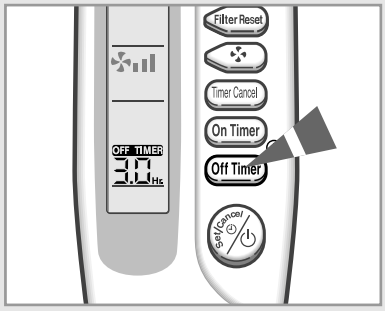
Note If you want to turn on the air conditioner before the timer reaches the setting time, press the (ON/OFF) button.

Setting the Off Timer

The Off Timer enables you to switch off the air conditioner automatically after a given period of time. You can set the period of time from 30 minutes to 24 hours.

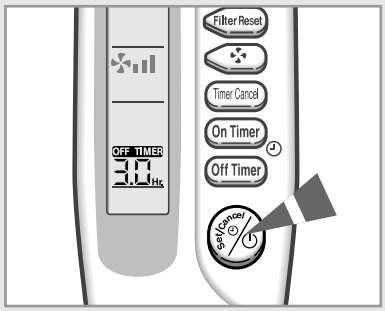
1 To set the operating time, press the Off Timer button one or more times until the required time is displayed. Possible time is between 0.5 hour and 24 hour inclusive.

Result: ◆ Each time you press Off Timer button:
- The time is adjusted by 0.5 hour to 5 hours, by 1 hour from 6 hours to 24 hours.



2 Press the (Set/Cancel) button to complete the setting.

Result: ◆ The remaining time is displayed.
◆ Blinking of the timer indicator stops.
◆ The selected mode and the temperature disappear on the display after 5 seconds.
◆ The air conditioner will switch off automatically when the counter displayed on the remote controller reaches the setting time as disappearing the Off timer setting.

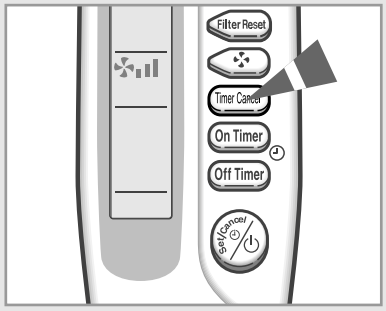


Example **If you would like to turn the air conditioner on after 2 hours and to operate it for 2 hours:**
1. Press the On Timer button until '2.0 Hr' is displayed.
2. Press the (Set/Cancel) button.
3. Press the Off Timer button until '4.0 Hr' is displayed.
4. Press the (Set/Cancel) button.

Note You can see or change the setting mode and/or the temperature by pressing the Mode button or the Temperature buttons after setting the Off timer.

To Cancel the Off Timer

1 To cancel the Off Timer, press the Timer Cancel button.

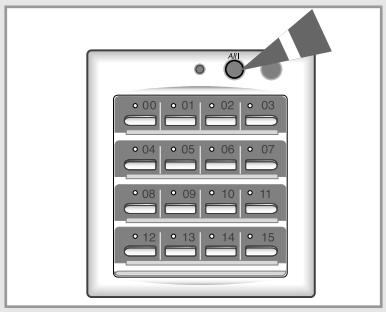


Note If you want to turn off the air conditioner before the timer reaches the setting time, press the (ON/OFF) button.

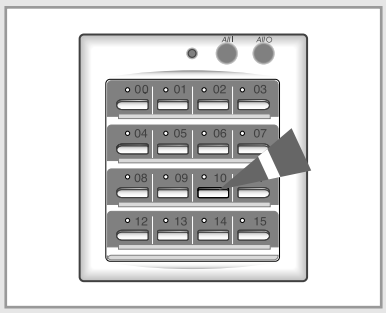
Using the Centralized Controller

The centralized controller is an optional accessory.

Up to sixteen air conditioners can be turned on or off by connecting to the centralized controller. However, you cannot adjust the cooling/heating temperature or set the timer with it. If you also have the wired remote controller, CENTRALIZED CONTROL is displayed at the top of the remote controller.

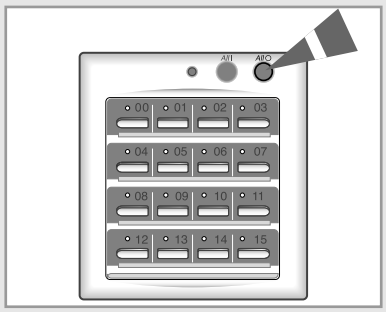


1 To turn on the all of air conditioners connected to the centralized controller, press the All (All ON) button.



2 To turn on/off a specific air conditioner, press the (ON/OFF) button.

Result: ◆ The On/Off indicator comes on when the air conditioner is operating.



3 To turn off the all of air conditioners connected to the centralized controller, press the All (All OFF) button.

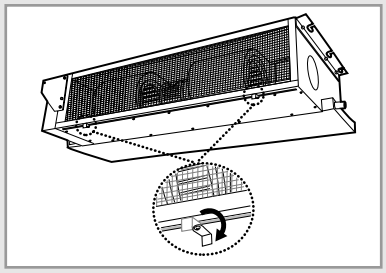
Operating Recommendations

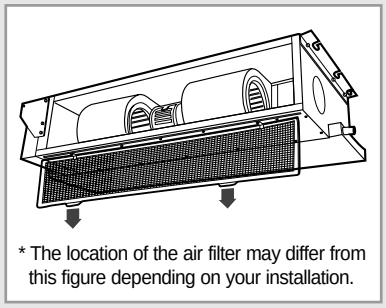
Here are a few recommendations that you should follow when operating your air conditioner.

Topic	Recommendation
Heating performances	The heat pump function of the air conditioner absorbs heat from outside air and brings it indoors. As the temperature of the outside air drops, the heating performance of air conditioner will decrease. If you find that the room is not warm enough, using an additional heating appliance is recommended.
Frost	When outside temperature is low but humidity is high, frost may form on the outdoor unit at HEAT mode. If this happens: ◆ The heating operation stops. ◆ The defrost mode will be triggered automatically for about ten minutes. No intervention is required ; after about ten minutes, the air conditioner operates again normally.
High indoor and outdoor temperatures	If both indoor and outdoor temperatures are high and the air conditioner is running at HEAT mode, the outdoor unit's fan and compressor may stop at times. This is normal ; simply wait until the air conditioner switches on again.
Power failure	If a power failure occurs while the air conditioner is operating, the unit will be switched off. When the power returns, the air conditioner restarts in the previous operation mode.

Cleaning Your Air Conditioner

ADH1800E/ADH2400E/ADH3200E/DH18ZA1(A2)/DH24ZA1(A2)/DH32ZA1(A2)





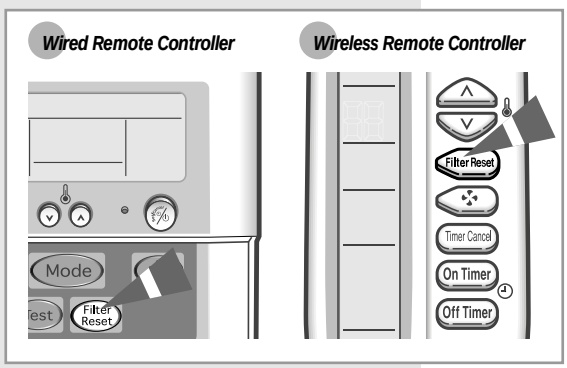
* The location of the air filter may differ from this figure depending on your installation.

To get the best possible use out of your air conditioner, you must clean it regularly to remove the dust that accumulates on the air filter.

IMPORTANT Before cleaning your air conditioner, ensure that you have switched off the electric circuit breaker used for the unit.

1. Turn the levers to the right or left not to prevent pulling out the air filter.
2. Pull out the air filter depending on your installation.
3. Remove all dust on air filter with a vacuum cleaner or a brush. In case of serious dust accumulation, put the air filter in warm detergent water and shake it vertically.
4. Dry the air filter.
5. When you have finished, insert the filter into the unit.
6. Return the levers.
7. Clean the outdoor unit with a vacuum cleaner or a brush once a month.

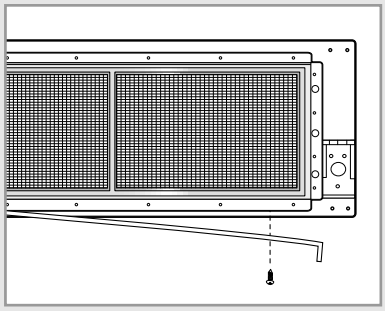
Note After cleaning the air conditioner, press the Filter Reset button.

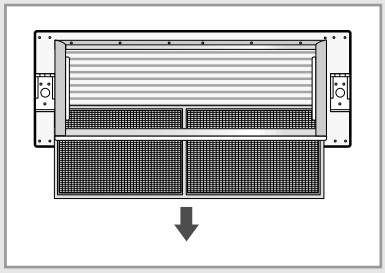


Cleaning Your Air Conditioner(optional)

ADH4400G/DH44ZA1(A2)

To get the best possible use out of your air conditioner, you must clean it regularly to remove the dust that accumulates on the air filter. The air filter is an optional accessory.

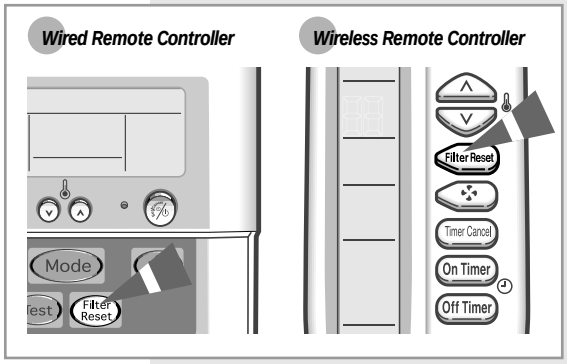




IMPORTANT Before cleaning your air conditioner, ensure that you have switched off the electric circuit breaker used for the unit.

1. Remove the fixing bracket on the base of air filter kit.
2. Pull out the air filter in the direction of the arrow.
3. Remove all dust on air filter with a vacuum cleaner or a brush. In case of serious dust accumulation, put the air filter in warm detergent water and shake it vertically.
4. Dry the air filter.
5. When you have finished, insert the filter into the unit.
6. Reinstall the fixing bracket.
7. Clean the outdoor unit with a vacuum cleaner or a brush once a month.

Note After cleaning the air conditioner, press the Filter Reset button.



Temperature and Humidity Ranges

The following table indicates the temperature and humidity ranges, within which the air conditioner can be used.

If the air conditioner is used at...	Then...
High temperature	The automatic protection feature may be triggered and the air conditioner stopped.
Low temperature	A water leakage or some other malfunction may happen if the heat exchanger freezes.
High humidity levels	Water may condense on and drip from the surface of the indoor unit if it is used for a long periods.

Mode	Outdoor Temperature	Indoor Temperature	Indoor Humidity
Heating	-5°C to 21°C approx.	15°C to 27°C approx.	-
Cooling	-5°C to 43°C approx.	21°C to 32°C approx.	80% or less
Drying	21°C to 43°C approx.	21°C to 32°C approx.	-

❋ ***If the heating operation is used at below 0°C(outdoor temperature) then, does not a full capacity.***
If the cooling operation is used at over 33°C(indoor temperature) then, does not a full capacity.

Solving Common Problems

Before contacting the after-sales service, perform the following simple checks. They may save your time and expense of an unnecessary call.

Problem	Explanation/Solution
The air conditioner does not operate at all	◆ Check that the breaker used for the air conditioner is switched on.
Wired Remote Controller The air conditioner does not operate with the remote controller	◆ is displayed on the wired remote controller. In this case, turn the air conditioner off and contact your dealer.
Wired Remote Controller When turning on/off the air conditioner, it is not turned On/Off immediately.	◆ In case of using the wired remote controller for a group, the air conditioners connected to the remote controller are turned on/off in order. Thus, it takes some time(up to 32 seconds).
Wireless Remote Controller The air conditioner does not operate with the remote controller	◆ Check that there are no obstacles between you and the remote control sensor. ◆ Check the wireless remote controller batteries (Refer to page 11). ◆ Check that you are close enough to the remote control sensor. (seven metres/ yards or less).
Wireless Remote Controller No beep is heard when you press (ON/OFF) on the remote controller	◆ Check that you are pointing the remote controller at the remote control sensor of the receiver & display unit. ◆ Replace the remote controller batteries if necessary.
The air conditioner does not cool or heat	◆ Check that the correct operating mode has been selected. ◆ The room temperature may be too low or too high. ◆ Dust may be blocking the air filter guard; refer to page 30 or 31 for cleaning instructions. ◆ Check that there is no obstacle in front of the outdoor unit.
When heating, the required room temperature is never reached and the air conditioner frequently stops	◆ Check that the required temperature has been set correctly. ◆ Increase the fan speed.

Technical Specifications

Model	Power Supply	Package Weight		
		Paper	Plastic	Wood
ADH1800E ADH2400E ADH3200E DH18ZA1(A2) DH24ZA1(A2) DH32ZA1(A2)	1Ø, 220-240V~, 50Hz			
ADH4400G DH44ZA1(A2)	3Ø, 380-415V~, 50Hz			

THIS AIR CONDITIONER IS MANUFACTURED BY:
ESTE AIRE ACONDICIONADO HA SIDO FABRICADO POR:
QUESTO CONDIZIONATORE D'ARIA È PRODOTTO DA:
ESTE APARELHO DE AR CONDICIONADO É FABRICADO POR:
CE CLIMATISEUR EST FABRIQUE PAR:
DIESE KLIMAANLAGE IST FABRIZIERT VON:
ΑΥΤΗ Η ΣΥΣΚΕΥΗ ΚΑΤΑΣΚΕΥΑΣΤΗΚΕ ΑΠΟ :
ЭТОТ КОНДИЦИОНЕР ИЗГОТОВЛЕН ФИРМОЙ:

SAMSUNG ELECTRONICS

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